

Abstract of the Disclosure

A solid detergent dispenser for use with a dishwashing machine includes a chamber and a lid. The chamber is configured and arranged to receive a solid detergent having a particular composition. A water inlet receives water from a water source, and
5 the water flows through a tunnel into the bottom of the chamber. The chamber is flooded with water from the bottom to ensure relatively constant erosion of the solid detergent, which ensures that a relatively constant concentration of the solid detergent is used in the dishwashing machine. A water outlet allows water to flow out of the chamber into the
10 the chamber to ensure that the appropriate amount of dissolution of the solid detergent occurs. The only valve used in the preferred embodiment is a valve to control the amount of water flowing into the water inlet.